

SYLLABUS

Math 114, Fall 2012
Calculus and Analytic Geometry II

Time:	MW 12:30 - 2:20 PM
Place:	Innovation Hall, Room 105
Instructor:	Walter Morris
Office:	Planetary Hall, Room 255
Phone:	703-993-1481
Office Hours:	MW 10AM-noon
e-mail:	wmorris@gmu.edu

This is the second course of a three-semester Calculus sequence. The main topics covered are Techniques and Applications of Integration, and Infinite Series. The text we use is **Calculus: Early Transcendentals, 1st Edition** by Briggs and Cochran, published by Addison-Wesley. We will cover chapters 6 - 10.

There will be tests on September 24, October 24, and November 26. Each of these tests determines 20% of your grade. The final exam is at 1:30 PM on Wednesday, December 12, and makes up 24% of your grade. No calculators may be used for the tests.

I will regularly suggest exercises from the book for you to do. You do not need to turn these exercises in, but I strongly urge you to do them anyway. There is NO WAY that you will learn the material without working practice problems on your own.

There is no class on September 3 (Labor Day) and November 21 (the day before Thanksgiving). Our class will meet on Tuesday, October 9, but not on Monday, October 8.

The web page for the class is <http://math.gmu.edu/wmorris/290hwf12.html>

If you are a student with a disability and you need academic accommodations, please see me and contact the Office of Disability Services (ODS) at 993-2474. All academic accommodations must be arranged through the ODS.

Each of you has to be signed up for a recitation session. The recitation sessions are on Friday mornings. The recitation instructor will go over homework problems with you. He will also give quizzes during the last 15 minutes of most of the recitation sessions. These quizzes will give you an idea of what you will be expected to do on the tests. The recitation quiz total will determine 10% of your final grade.

There will be two computer assignments for you to hand in. We will teach you everything you will need to know to use the Mathematica program. You do not have to buy a copy of Mathematica, because it is on the computers in the computer labs. The computer assignments make up 6% of the grade.

Please feel free to ask me questions in class and in office hours. You may also e-mail me questions or discuss the course over the telephone. The Math Tutoring Center provides free help in room 311C of the Johnson Center. We cover a lot of material in this class, so we need to work together to make sure that you master all of it.